

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Short et al.

Examiner: S. Haq

Application No.: 10/560,210

Group Art Unit: 1641

Filed: May 5, 2006

Docket: P-7717 (102-681 PCT/US)

For: PLASMA  
POLYMERISATION METHODS FOR  
THE DEPOSITION OF CHEMICAL  
GRADIENTS AND SURFACES  
DISPLAYING GRADIENT OF  
IMMOBILISED BIOMOLECULES

Dated: July 10, 2008

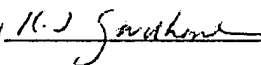
Confirmation No.: 2947

**Certificate of EFS-Web Transmission**

I hereby certify that this correspondence is being transmitted  
to the U.S. Patent and Trademark Office via the Office's  
electronic filing system

Dated: July 10, 2008

Signature: K.J. Goodhand



Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

This in response to the Requirement for Restriction, mailed June 11, 2008, a reply to which is due July 11, 2008.

In the Office Action, the Examiner has required an election of species. Specifically, the Examiner states that the application contains claims directed to the following groups, which encompass patentably distinct species:

Applicants: Short et al.

Application No: 10/560,210

Response to Restriction Requirement dated July 10, 2008

Restriction Requirement dated June 11, 2008

Page 2

- a. Binding entities (see claim 46);
- b. Functional group of the binding entities (see claim 45);
- c. Plasma monomers (see claims 54-67); and
- d. Substrates (see claim 76).

The Examiner has required election of a single species for each of the above-identified groups.

Applicants elect the following:

- a. Cells as the binding entity;
- b. Carboxyl group as the functional group of the binding entity;
- c. Carboxylic acid as the plasma monomer; and
- d. Plastics as the substrate.

The claims readable on the elected species are at least as follows: 44-46, 49-53, 55, 62 and 67-84.

Applicants have responded in full to the present Office Action. It is respectfully requested that consideration of the claims on the merits be commenced. Should the Examiner

Applicants: Short et al.

Application No: 10/560,210

Response to Restriction Requirement dated July 10, 2008

Restriction Requirement dated June 11, 2008

Page 3

have any questions, the Examiner is respectfully invited to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,



Jamie M. Larmann

Registration No.: 48,623

Attorney for Applicants

HOFFMANN & BARON, LLP  
6900 Jericho Turnpike  
Syosset, New York 11791  
(973) 331-1700